

BOREHOLE LOG

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VANDENBERG AFB IRP: (DU 2, Site 20	0, Landi	fill 1/Drui	n Disp	osal Site	1			
ct Number: 01K78601	Borehole No.: 20-MW-23					Sheet 1 of 2			
nole Location: 2099441.99 N, 5803071	.48 E					Eleva	tion and	Datum: 429.54 feet MSL	
ng Contractor: Tri-County Drilling, Inc.		ted: 05	5/06/98			Date 8	Ended:	05/07/98	
g Equipment: CME-550	Total Depth:					Groundwater Depth:			
g Method: Hollow Stem Auger	Sampling Mathada					Borehole Diameter:			
M. Ferguson	Borehole /				11 inches				
ner Information:	Completed as					<u> </u>			
atic Hammer. 140-lb and 30-inch drop	D. Peeler					M. Anderson			
Lithologic Description		Symbol	USCS	Sample	Sample	Blow	Field OVA (ppm)	Remarks	
CLAYEY SAND, pale yellow (2.5Y 7/2 moist, loose, fine to medium grained. Same as above, wet. GRAVELLY CLAY, pale yellow (2.5Y 7/2 loose, high plasticity, with loose, well a chert and flattened shale gravel (40% sand (<10%).	3), slightly 7/3), moist, rounded) and		SC SC CL				0	Perched water 4 to 6 feet. Perched water 4 to 6 feet. Hard drilling/tight.	
with loose, subangular to rounded cher shale gravel up to 1/2". SANDY CLAY, light olive brown (2.5Y 5 slightly moist, stiff, firm, medium plastic with little gravel. GRAVELLY CLAY, light olive brown (2.5 slightly moist, stiff, firm, medium plastici loose, subangular to rounded gravel (40 sand (<10%).	t and /6), ity, Y 5/3), ty, with l%) and		CL CL CL						
	olk Number: 01K78601 nole Location: 2099441.99 N, 5803071 ng Contractor: Tri-County Drilling, Inc. g Equipment: CME-550 g Method: Hollow Stem Auger M. Ferguson ner Information: atic Hammer. 140-lb and 30-inch drop Lithologic Description SANDY SILT, dark olive brown (2.5Y loose. CLAYEY SAND, pale yellow (2.5Y 7/7 moist, loose, fine to medium grained. Same as above, wet. GRAVELLY CLAY, pale yellow (2.5Y 7/7 moist, loose, fine to medium grained. Same as above, with loose, well in chert and flattened shale gravel (40% sand (<10%). Same as above, slight olive brown (2.5 Same as above, slightly moist. Same as above, slightly moist.	to Number: 01K78601 Colt Number: 01K78601 Colt Location: 2099441.99 N, 5803071.48 E Contractor: Tri-County Drilling, Inc. Compared to the Color of the Color of the County Drilling, Inc. Color of Contractor: Tri-County Drilling, Inc. Color of Color o	ANDENSERG AFB IRP: OU 2, Site 20, Land of Number: 01K78601 Borehole No.: 20 note Location: 2099441.99 N, 5803071.48 E note Contractor: Tri-County Drilling, Inc. g Equipment: CME-550 Total Depth: 66 g Method: Hollow Stem Auger M. Ferguson Borehole Abando ner Information: atic Hammer: 140-lb and 30-inch drop Lithologic Description SANDY SILT, dark olive brown (2.5Y 3/3), dry, loose. CLAYEY SAND, pale yellow (2.5Y 7/3), slightly moist, loose, fine to medium grained. Same as above, wet. GRAVELLY CLAY, pale yellow (2.5Y 7/3), moist, loose, high plasticity, with loose, well rounded chert and flattened shale gravel (40%) and sand (<10%). Same as above, sliff, firm, medium plasticity with loose, subangular to rounded chert and shale gravel up to 1/2". SANDY CLAY, light olive brown (2.5Y 5/6), slightly moist, stiff, firm, medium plasticity, with loose, subangular to rounded chert and shale gravel up to 1/2". SANDY CLAY, light olive brown (2.5Y 5/6), slightly moist, stiff, firm, medium plasticity, with loose, subangular to rounded gravel (40%) and sand (<10%).	CLAYELY SAND, pale yellow (2.5Y 7/3), moist, loose, fine to medium grained. Same as above, stiff, firm, medium plasticity with loose, subangular to rounded chert and shale gravel up to 1/2". SANDY CLAY, light olive brown (2.5Y 5/3), slightly moist, stiff, firm, medium plasticity, with loose, subangular to rounded gravel (40%) and sand (<10%). Borehole No.: 20-MW-23	ANDENBERG AFB IRP: OU 2, Site 20, Landfill 1/Drum Disposer to Number: 01K78601 Borehole No.: 20-MW-23 10te Location: 2099441.99 N, 5803071.48 E 10g Contractor: Tri-County Drilling, Inc. 10g Equipment: CME-550 10g Method: Hollow Stem Auger 10g Method: Split Spoor 10g Method: Hollow Stem Auger 10g Method: Split Spoor 10g Method: Split Split Spoor 10g Method: Split Spoor 10g Method: S	ANDENBERG AFB IRP: OU 2, Site 20, Landfill 1/Drum Disposal Site Ct Number: 01K78601 Borehole No.: 20-MW-23 1016 Location: 2099441.99 N, 5803071.48 E 1017 General County Drilling, Inc. Date Started: 05/06/98 1018 General County Drilling, Inc. Date Started: 05/06/98 1019 General County Drilling, Inc. Date Started: 05/06/98 1019 Method: CME-550 Total Depth: 66.5 feet 1019 Method: Split Spoon 1019 Method: Split Spoon 1029 Method: Split Spoon 1030 Method: Split Spoon 1030 Method: Split Spoon 1040 Method: Split Spoon 1050 Method: Split Spoon 1050 Method: Split Spoon 1050 Method: Split Spoon 1050 Method: Split Spoon 1060 Method: Split Spoon 1070 Method: Split Method: Split Split Method: Split Spoon 1070 Method: Split Method: Split Method: Split Split Method: Spl	ANDENERG AFB IRP: OU 2, Site 20, Landfill 1/Drum Disposal Site 1 ot Number: 01K78601 Borehole No.: 20-MW-23 Sheet ot Number: 2099441.99 N, 5803071.48 E Eleva gradient Contractor: Tri-County Drilling, Inc. Date Started: 05/06/98 Date 1 gradient CME-550 Total Depth: 66.5 feet Ground gradient Hollow Stem Auger Sampling Method: Split Spoon Boreh M. Ferguson Borehole Abandonment: Completed as 4* monitorer Information: alic Hammer: 140-lb and 30-inch drop Logged By: D. Peeler Lithologic Description Completed Science Sc	CI Number: Ol K78601 Borehole No.: 20-MW-23 Sheet 1 ol note Location: 2099441.99 N, 5803071.48 E Elevation and 20-MW-23 Elevation and 20-MW-23 Bereinder: 209441.99 N, 5803071.48 E Elevation and 20-MW-23 Elevation and 20-MW-25 Elevation a	



BOREHOLE LOG

roject	Number: 01K78601 B	orehole No	o.: 20-	MW-23			Sheet	Sheet 2 of 2		
Depth (feet)	Lithologic Description		Symbol	uscs	Sample	Sample Number	Blow	Field OVA (ppm)	Remarks	
	moist, stiff, firm, with little sand and fine	gravel.		CL				0		
35								0		
40	Same as above, dry.			CL				0		
45	ROCK, very dark grayish brown (10YR : fractured, dry, hard, laminated, with ang gravel (<5%).			RX				0 -	Gradationa: contact with fractured, but unweathered, bedrock.	
50	Same as above, slightly moist.			RX				0		
55	Same as above, very dark gray (10YR 3 with trace sand and gravel.	V1),		RX				0	- - - - - -	
6O	Same as above, very hard.			RX				0	Very hard drilling.	
5	Same as above, wet	- - - - - - - -		RX				0	<u>-</u> - - -	
0	End of boring at 66.5 feet below ground Groundwater encountered at 64 feet. Boring completed as 4" monitoring well.	surface.							- - -	